

ABSTRACT

**METHODS AND APPARATUS FOR MEASURING THE POWER
SPECTRUM OF OPTICAL SIGNALS**

A method of measuring a power spectrum of an optical signal

5 transmits the optical signal through an optical fiber. A power of at least one wavelength of the optical signal is coupled from a first mode to a second mode of the waveguide. The power of the optical signal coupled from the first mode to the second mode is measured at a detector.

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